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## ☐ 1: Cyclin-Dependent Kinase Inhibitor p16

Links

A product of the p16 tumor suppressor gene (GENES, P16). It is also called INK4 or INK4A because it is the prototype member of the INK4 CYCLIN-DEPENDENT KINASE INHIBITORS. This protein is produced from the alpha mRNA transcript of the p16 gene. The other gene product, produced from the alternatively spliced beta transcript, is TUMOR SUPPRESSOR PROTEIN P14ARF. Both p16 gene products have tumor suppressor functions.

Year introduced: 2006(1994)

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules for allowable combinations.

☐ analysis ☐ antagonists and inhibitors ☐ biosynthesis ☐ blood ☐ chemistry  
☐ deficiency ☐ diagnostic use ☐ drug effects ☐ genetics ☐ immunology ☐ isolation  
 and purification ☐ metabolism ☐ pharmacology ☐ physiology ☐ radiation effects  
☐ secretion ☐ therapeutic use ☐ ultrastructure

☐ Restrict Search to Major Topic headings only

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Entry Terms:

- Cyclin Dependent Kinase Inhibitor p16
- Cdk4-Associated Protein p16
- Cdk4 Associated Protein p16
- CDKN2 Protein
- CDKN2A Protein
- MTS1 Protein
- p16INK4 Protein
- p16INK4A Protein
- p16(INK4A)
- INK4A Protein
- Protein, INK4A

- Cyclin-Dependent Kinase Inhibitor-2A
- Cyclin Dependent Kinase Inhibitor 2A
- Multiple Tumor Suppressor-1
- Multiple Tumor Suppressor 1

Previous Indexing:

- [Carrier Proteins \(1994-1997\)](#)

See Also:

- [Genes, p16](#)
- [Tumor Suppressor Protein p14ARF](#)

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[Neoplasm Proteins](#)

[Tumor Suppressor Proteins](#)

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**Cyclin-Dependent Kinase Inhibitor  
p16**

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## 1: Genes, p16

Links

Tumor suppressor genes located on human chromosome 9 in the region 9p21. This gene is either deleted or mutated in a wide range of malignancies. (From Segen, Current Med Talk, 1995) Two alternatively spliced gene products are encoded by p16: CYCLIN-DEPENDENT KINASE INHIBITOR P16 and TUMOR SUPPRESSOR PROTEIN P14ARF.

Year introduced: 1998

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules for allowable combinations.

☐ drug effects ☐ genetics ☐ physiology ☐ radiation effects

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### Entry Terms:

- CDKN2 Genes
- CDKN2 Gene
- Genes, CDKN2
- Genes, CDKN2A
- CDKN2A Gene
- CDKN2A Genes
- Genes, p16INK4
- p16INK4 Gene
- Genes, p16INK4A
- p16INK4A Gene
- p16INK4A Genes
- p16INK4 Genes
- Genes, MTS1
- MTS1 Gene
- MTS1 Genes

- p16 Genes
- p16 Gene

Previous Indexing:

- Genes, Suppressor, Tumor (1994-1997)

See Also:

- Cyclin-Dependent Kinase Inhibitor p16
- Tumor Suppressor Protein p14ARF

All MeSH Categories

Biological Sciences Category

Genetic Structures

Genome

Genome Components

Genes

Genes, Neoplasm

Genes, Tumor Suppressor

**Genes, p16**

All MeSH Categories

Biological Sciences Category

Genetic Structures

Genome

Genome Components

Genes

Genes, Recessive

Genes, Tumor Suppressor

**Genes, p16**

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# 1: Cdkn2a protein, mouse [Substance Name]

Links

mouse protein corresponding to human p14ARF; RefSeq NM\_009877

Date introduced: September 5, 2001

Registry Number: 0

Heading Mapped to:

- Tumor Suppressor Protein p14ARF

Entry Terms:

- p19(ARF) protein
- ARF tumor suppressor, mouse
- ARF-INK4a protein, mouse
- cyclin-dependent kinase inhibitor 2A protein, mouse
- p16INK4a protein, mouse
- p19(ARF) protein, mouse
- p19ARF protein, mouse

Previous Indexing:

- PROTEINS (1995-2001)

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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

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**Generate:**
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 ☒ Hit Count
 ☐ Side by Side
 ☐ Image

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<a href="#">L17</a>	L16 and p16	121	<a href="#">L17</a>
<a href="#">L16</a>	L15 and marker	945	<a href="#">L16</a>
<a href="#">L15</a>	L14 and cervical cancer	1006	<a href="#">L15</a>
<a href="#">L14</a>	L13 or cell adhesion molecule	8691	<a href="#">L14</a>
<a href="#">L13</a>	L12 or l11	398	<a href="#">L13</a>
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<a href="#">L11</a>	EpCam	317	<a href="#">L11</a>
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<a href="#">L8</a>	15 NOT 16	38	<a href="#">L8</a>
<a href="#">L7</a>	L6 and @py<2003	57	<a href="#">L7</a>
<a href="#">L6</a>	L5 and marker	359	<a href="#">L6</a>
<a href="#">L5</a>	L4 and l1	397	<a href="#">L5</a>
<a href="#">L4</a>	p16	7437	<a href="#">L4</a>
<a href="#">L3</a>	L2 and p16	6	<a href="#">L3</a>
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L1	cervical cancer	7961	L1
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